

Fel-Pro 35526

FEL-PRO 35526 O-Ring Instruction Manual

Model: 35526

1. PRODUCT OVERVIEW

The FEL-PRO 35526 O-Ring is an essential component designed for specific automotive applications, primarily functioning as a seal within the engine cooling system. Fel-Pro gaskets and seals are engineered to provide reliable sealing solutions with performance and durability trusted by professionals. This O-ring is manufactured to meet or exceed original equipment specifications, ensuring a precise fit and effective sealing.



Figure 1: The FEL-PRO 35526 O-Ring, a circular black rubber seal.

2. COMPATIBILITY

This O-ring is specifically designed for use in various vehicle models. Before installation, it is crucial to verify compatibility with your vehicle's make, model, year, engine, and trim. Refer to the following compatibility list:

- 1989-1993 Dodge D250
- 1989-1993 Dodge D350
- 1989-1993 Dodge W250
- 1989-1993 Dodge W350
- 1993-1993 Ford CF7000
- 1994-1997 Ford CF7000
- 1992-1994 Ford F-600
- 1992-1997 Ford F-700
- 1993-1997 Ford F-800
- 1993-1997 Ford LN7000
- 1992-1994 F (Partial listing, full compatibility should be verified)

Always cross-reference with your vehicle's specific requirements to ensure the correct part is used.

3. INSTALLATION GUIDELINES

Proper installation is critical for the effective sealing and longevity of the O-ring. While specific steps may vary by vehicle and component, the following general guidelines apply:

1. **Preparation:** Ensure the mating surfaces are clean, dry, and free from old gasket material, debris, or corrosion. Use a suitable cleaner if necessary.
2. **Inspection:** Inspect the O-ring for any visible defects, cuts, or deformities before installation. A damaged O-ring will not provide an effective seal.
3. **Lubrication (if applicable):** For certain applications, a light coat of appropriate lubricant (e.g., silicone grease, engine oil, or coolant, as specified by the vehicle manufacturer) may be applied to the O-ring to aid in installation and prevent pinching. Avoid petroleum-based lubricants unless specifically recommended, as they can degrade rubber.
4. **Placement:** Carefully seat the O-ring into its designated groove or channel. Ensure it is not twisted or stretched.
5. **Assembly:** Align the components carefully and assemble them, ensuring the O-ring remains properly seated. Tighten fasteners to the vehicle manufacturer's specified torque settings, following the recommended tightening sequence if provided. Overtightening can damage the O-ring and components.
6. **Post-Installation Check:** After assembly, refill the cooling system (if applicable) and check for leaks. Run the engine to operating temperature and re-check for any signs of leakage.



Figure 2: Example of gasket installation, highlighting the importance of careful handling and proper seating.

4. FUNCTION AND OPERATION

The FEL-PRO 35526 O-Ring functions as a static seal, preventing the leakage of fluids (typically engine coolant) between two mating surfaces, such as a thermostat housing and an engine block or water pump. When compressed between these surfaces, the O-ring deforms to fill any microscopic irregularities, creating a tight, leak-proof barrier. Its rubber material is designed to withstand the temperatures, pressures, and chemical composition of the fluids it seals, ensuring long-term reliability in the cooling system.

5. MAINTENANCE AND CARE

O-rings are generally maintenance-free once installed correctly. However, periodic inspection of the surrounding components can help identify potential issues early:

- **Leak Checks:** Regularly inspect the area around the O-ring's location for any signs of coolant leakage, such as drips, stains, or residue.
- **Fluid Levels:** Monitor coolant levels. A consistent drop in coolant without an obvious external leak might indicate an internal sealing issue.
- **Component Integrity:** Ensure that the components sealed by the O-ring (e.g., thermostat housing, hoses) are in good condition, free from cracks or damage that could compromise the seal.

If the O-ring needs to be removed for any reason (e.g., component replacement), it is highly recommended to replace it with a new one to ensure optimal sealing performance.

6. TROUBLESHOOTING COMMON ISSUES

Most issues related to O-rings manifest as leaks. Common causes and troubleshooting steps include:

• **Leakage After Installation:**

- *Cause:* Improper seating, pinched O-ring, damaged O-ring, dirty mating surfaces, incorrect torque on fasteners.
- *Solution:* Disassemble, inspect O-ring and mating surfaces for damage or debris. Clean surfaces thoroughly. Replace O-ring if damaged. Reassemble, ensuring proper seating and correct torque.

• **Leakage Over Time:**

- *Cause:* O-ring degradation due to age, heat cycling, chemical exposure, or material fatigue.
- *Solution:* Replace the O-ring. O-rings have a finite lifespan and should be replaced as part of routine maintenance or when related components are serviced.

• **Incorrect Part:**

- *Cause:* Using an O-ring that is not the correct size or material for the application.
- *Solution:* Verify the part number and compatibility with your vehicle. Always use the specified O-ring for the application.

If troubleshooting does not resolve the issue, consult a qualified automotive technician.

7. SPECIFICATIONS

Key specifications for the FEL-PRO 35526 O-Ring are detailed below:

Attribute	Value
Brand	Fel-Pro
Model Number	35526
Material	Rubber
Color	Black
Item Weight	1.6 ounces
Product Dimensions	6 x 4 x 1 inches
UPC	084113825088
Manufacturer Part Number	35526
OEM Part Number	35526



Figure 3: Examples of Fel-Pro gasket designs, illustrating the brand's engineering diversity.

8. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or specific application questions, please contact Fel-Pro directly. Fel-Pro is committed to providing high-quality sealing products and support for their customers.

You can find more information and contact details on the official Fel-Pro website or through authorized distributors.



Figure 4: Fel-Pro brand logo.

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For the latest information, always refer to the official Fel-Pro resources and your vehicle's service manual.